

### Riverine/Stream Impacts

All “Waters of the United States” and “Waters of Indiana” must be identified including wetlands (discussed in separate section), waterways from ephemeral areas to well defined intermittent waterways, intermittent streams, creeks, lakes, ponds, etc. In addition to identifying the types of waters of the United States and/or Indiana being impacted, the length of impact to them within the project limits should be included in the documentation, and their locations need to be shown on graphics. The environmental document should also include such information as the width of ordinary high water (OHW), channel depth below OHW, bank full width, locations of any riffle/pool complexes, and the types of substrate (i.e. bedrock, cobble, gravel, sand, silt, clay, etc.) as well as the percentage of each of these types being impacted throughout the project area. This information is required for future Corps, IDEM, and IDNR permits.

For environmental documents with an identified preferred alternate, the waters of the U.S. and/or Indiana discussion only needs to be completed for the preferred alternate. Draft Environmental Impact Statements and Environmental Assessments without a preferred alternate should include a *general* discussion of the waters for all alternates, reserving the detailed discussion of the preferred alternate only for the Final EIS or Finding of No Significant Impact.